

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A vacuum insulated refrigerator cabinet comprising an evacuation system for evacuating an insulation space of the cabinet when pressure inside such space is higher than a predetermined value, said system including sensor means comprising a temperature sensor and a heater both located in a portion of the evacuation system and a control system for activating the heater according to a predetermined heating cycle and for receiving a signal from the temperature sensor, such control system being able to provide the evacuation system with a signal related to the insulation level within the insulation space.
2. (previously presented) A vacuum insulated refrigerator cabinet according to claim 1, wherein such temperature sensor and such heater are both located within the insulation space.
3. (previously presented) A vacuum insulated refrigerator cabinet according to claim 2, having such temperature sensor and such heater are the same wire used either for heating purpose or for temperature measurement.
4. (previously presented) A vacuum insulated refrigerator cabinet according to claim 3, having such temperature sensor and such heater are placed centrally in the insulation space.

5. (previously presented) A vacuum insulated refrigerator cabinet according to claim 1, wherein the heating cycle of such heater comprises a series of heating pulses.

6. (previously presented) Method for assessing the thermal conductivity of an insulation space of a vacuum insulated refrigerator cabinet, wherein such method comprises the steps of providing a predetermined amount of heat inside the insulation space, and measuring temperature in the proximity of the zone where heat has been provided in order to have an indication on how temperature decreases in such zone, the faster being the decrease vs. time, the higher being thermal conductivity of the insulation space.

7. (currently amended) Method according to ~~claim 3~~ claim 6, wherein heat is provided inside the insulation space in a series of pulses.